

ABSTRACT

An eyewear has a gasket between the user and lenses that electrostatically filter the air flow of particulate while still permitting a gentle flow of air to maintain comfort to the wearer of the eyewear, and prevent fogging on the lenses. The electret filter material forms a perimeter around the eyes and lenses to remove, small to large particulates, from microns to millimeters. The filters can be formed with a choice of face contact gasket, baffles, coarse filters, and electret filter density. Baffles or coarse filters over the electret filters are used to protect the electret filter from damage from larger particles and transfer heat to the airflow.